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Patent  
Attorney's Docket No. 018414-082

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of )  
William K. ZURAVLEFF et al. ) Group Art Unit: 2318  
Application No.: 08/437,975 ) Examiner: F. Asta  
Filed: May 10, 1995  
For: CONTROLLER FOR A )  
SYNCHRONOUS DRAM )



AMENDMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

RECEIVED  
AUG 15 1996  
GROUP 2300

Sir:

In response to the Office dated May 15, 1996 please amend  
the above-identified application as follows:

IN THE TITLE:

Please change the title from "A CONTROLLER FOR A  
SYNCHRONOUS DRAM" to --A CONTROLLER FOR A SYNCHRONOUS DRAM  
THAT MAXIMIZES THROUGHPUT BY ALLOWING MEMORY REQUESTS AND  
COMMANDS TO BE ISSUED OUT OF ORDER--.

IN THE ABSTRACT:

At the end of the abstract please add --To achieve this  
maximized throughput, memory requests are tagged for  
indicating a sending order. Thereafter, the memory requests  
may be arbitrated when conflicting memory requests are queued  
and this arbitration process is then decoded for  
simultaneously updating scheduling constraints. The memory

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